

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (currently amended) A wire cutting ~~guide~~ system for resecting a bone through incisions of the type utilized for arthroscopic procedures, the ~~guide~~ system comprising:

 a first alignment pin configured to be inserted through one of the incisions into a bone in a first orientation;

 a second alignment pin configured to inserted through one of the incisions into the bone in a second orientation;

 a wire saw; and

 wherein the first alignment pin and the second alignment pin are configured and oriented to define a resection surface of reference through which the bone is to be resected and the wire saw is configured to be inserted through at least one of the incisions and for extending at least from the first alignment pin to the second alignment pin to be simultaneously guided by the first and second alignment pins while being moved to resect the bone.

Claim 2. (currently amended) The system ~~apparatus~~ of claim 1, wherein the first alignment pin has a length sufficient that the first alignment pin extends completely through the bone with one tip extending beyond the bone on a first side and the second

tip extending beyond the bone on the opposite side and the second alignment pin has a length sufficient that the second alignment pin extends completely through the bone with one tip extending beyond the bone on a first side and the second tip extending beyond the bone on the opposite side.

Claim 3. (currently amended) The system ~~apparatus~~ of claim 2 wherein the resection surface of reference is a plane.

Claim 4. (currently amended) The system ~~apparatus~~ of claim 3 and further comprising a guide block formed to include a first guide hole extending through the block, the first guide hole being sized to receive a drill sized to form a hole in the bone sized to receive the first alignment pin.

Claim 5. (currently amended) The system ~~apparatus~~ of claim 4 wherein the first alignment pin has a length sufficient that the first alignment pin extends completely through the bone with one tip extending beyond the bone on a first side and the second tip extending beyond the bone on the opposite side and into the first guide hole when the guide block is positioned on the opposite side of the bone.

Claim 6. (currently amended) The system ~~apparatus~~ of claim 4 wherein the guide block is formed to include a first saw guide and a second saw guide said first and second saw guides being positioned to guide the saw along the resection plane of reference when the saw is received in the saw guides.

Claim 7. (currently amended) The system ~~apparatus~~ of claim 6 wherein the first alignment pin has a length sufficient that the first alignment pin extends completely through the bone with one tip extending beyond the bone on a first side and the second tip extending beyond the bone on the opposite side and into the first guide hole when the guide block is positioned on the opposite side of the bone.

Claim 8. (currently amended) The system ~~apparatus~~ of claim 5 wherein the guide block is formed to include a second guide hole extending through the block, the second guide hole being sized to receive a drill sized to form a hole in the bone sized to receive the second alignment pin, the second guide hole being oriented with respect to the first guide hole to define a plane therewith.

Claim 9. (currently amended) The system ~~apparatus~~ of claim 8 wherein the second alignment pin has a length sufficient that the second alignment pin extends completely through the bone with one tip extending beyond the bone on a first side and the second tip extending beyond the bone on the opposite side and into the second guide hole when the guide block is positioned on the opposite side of the bone.

Claim 10. (currently amended) The system ~~apparatus~~ of claim 9 wherein the guide block is formed to include a first saw guide and a second saw guide said first and second saw guides being positioned to guide the saw along the resection plane of reference when the saw is received in the saw guides, the first alignment pin is received in the bone and

the first guide hole and the second alignment pin is received in the bone and the second guide hole.

Claim 11. (currently amended) The system ~~apparatus~~ of claim 10 wherein the first saw guide, second saw guide, first guide hole and second guide hole define a plane.

Claim 12. (currently amended) The system ~~apparatus~~ of claim 9 wherein the guide block is formed to include a third guide hole extending through the block, the third guide hole being sized to receive a drill sized to form a hole in the bone sized to receive an alignment pin, the third guide hole being oriented with respect to the first guide hole to define a plane therewith oriented at an angle with respect to the plane defined by the first and second guide holes and further comprising a third alignment pin configured to be inserted through a third incision into the bone in a third orientation, the third alignment pin having a length sufficient that the third alignment pin extends completely through the bone with one tip extending beyond the bone on a first side and the second tip extending beyond the bone on the opposite side.

Claim 13. (currently amended) The system ~~apparatus~~ of claim 2 and further comprising a saw driver configured to be guided by the first pin through the bone and to drive the saw guided by the saw driver and the second alignment pin through the bone.

Claim 14. (currently amended) The system ~~apparatus~~ of claim 13 wherein the saw driver includes a shaft adapted to be driven by a rotary drill to rotate about an axis, a

body coupled at a first end to the shaft to be rotated thereby about the axis, the body including a second end formed to include teeth adapted to cut through the bone and a wall extending between the first end and the second end, the wall being formed to include a driver surface for engaging the wire saw and driving the same during rotation of the body.

Claim 15. (currently amended) The system ~~apparatus~~ of claim 14 wherein the body includes a cavity formed in the second end and extending into the body toward the first end, the cavity being sized to receive the first alignment pin therein.

Claim 16. (original) The apparatus of claim 15 wherein the wire saw forms a loop and the driver surface comprises an annular groove formed in the wall.

Claim 17. (currently amended) The system ~~apparatus~~ of claim 1 and further comprising a saw frame including a shaft adapted to be coupled to an oscillator, a finger coupled to the shaft at one end for movement between a retracted position wherein a second end of the finger is adjacent the shaft and an extended position wherein the second end is displaced from the shaft and wherein the wire saw is coupled to the shaft and the finger adjacent the second end to be tensioned between the shaft and the second finger when the second finger is in the extended position.

Claim 18. (currently amended) The system ~~apparatus~~ of claim 17 wherein the second finger is formed from a shape memory alloy.

Claim 19. (currently amended) The system ~~device~~ of claim 1 wherein the first and second alignment pins and the wire saw are configured to be inserted ~~allow insertion into the bone through incisions an incision~~ less than six centimeters long.

Claim 20. (currently amended) The system ~~device~~ of claim 1 wherein the first and second alignment pins and the wire saw are configured to be inserted ~~allow insertion into the bone through incisions an incision~~ less than about two centimeters long.

Claim 21. (currently amended) The system ~~device~~ of claim 1 wherein the first and second alignment pins and the wire saw are configured to be inserted ~~allow insertion into the bone through incisions an incision~~ about one centimeter long.

Claims 22-29. (cancelled)

Claim 30. (original) An apparatus for resecting a bone comprising:

a wire saw;

a saw driver including a shaft adapted to be driven by a rotary drill to rotate about an axis, a body coupled at a first end to the shaft to be rotated thereby about the axis, the body including a second end formed to include teeth adapted to cut through the bone and a wall extending between the first end and the second end, the wall being formed to include a driver surface for engaging the wire saw and driving the same during rotation of the body.

Claim 31. (original) The apparatus of claim 30 and further comprising an alignment pin sized to extend through the bone and wherein the wire saw forms a loop and is configured to engage the driver surface and be driven by the saw driver when it is rotated and driven into the bone.

Claim 32. (original) The apparatus of claim 31 wherein the wire saw when driven is configured to be guided by the alignment pin when the pin is inserted in the bone.

Claim 33. (original) The apparatus of claim 31 wherein the saw driver is configured to be guided by the alignment pin through the bone.

Claim 34. (currently amended) The apparatus ~~device~~ of claim 33 and further comprising a second alignment pin sized to extend through the bone and wherein the wire saw forms a loop and is configured to engage the driver surface and be driven by the saw driver when it is rotated and driven into the bone and wherein the saw is configured to be guided by the saw driver and the second alignment pin through the bone.

Claim 35. (original) The apparatus of claim 34 wherein the body includes a cavity formed in the second end and extending into the body toward the first end, the cavity being sized to receive the first alignment pin therein.

Claim 36. (original) The apparatus of claim 30 wherein the driver surface comprises an annular groove formed in the wall.

Claim 37. (new) A method of resecting a portion of a bone comprising:

- inserting a first alignment pin into a bone through a first incision;
- inserting a second alignment pin into the bone through a second incision;
- inserting at least a portion of a wire saw through the first incision;
- guiding the at least a portion of a wire saw with the first alignment pin and the second alignment pin;
- resecting a first portion of the bone with the wire saw while simultaneously guiding the wire saw with both the first alignment pin and the second alignment pin; and
- removing the resected first portion of the bone.

Claim 38. (new) The method of claim 37, wherein:

- inserting a first alignment pin comprises inserting the first alignment pin into the first portion of the bone to be removed;
- inserting a second alignment pin comprises inserting the second alignment pin into the first portion of the bone to be removed; and
- removing the resected first portion of the bone comprises removing the first alignment pin and the second alignment pin with the resected first portion of the bone

Claim 39. (new) The method of claim 37, wherein guiding the at least a portion of a wire saw with the first alignment pin and the second alignment pin comprises:

contacting the at least a portion of a wire saw with the first alignment pin and the second alignment pin.

Claim 40. (new) The method of claim 37, wherein guiding the at least a portion of a wire saw with the first alignment pin and the second alignment pin comprises:

positioning the first pin within a cavity of an adapter body; and
engaging the adapter body with the wire saw.

Claim 41. (new) The method of claim 40, wherein resecting a first portion of the bone with the wire saw comprises:

resecting a generally circular area of the bone about the first alignment pin with the adapter body; and

resecting, simultaneously with resecting the generally circular area of the bone, a generally planar portion of the bone extending generally from the first alignment pin to the second alignment pin.

Claim 42. (new) The method of claim 37 further comprising:

inserting a third alignment pin into the bone through a third incision;
guiding the at least a portion of a wire saw with the third alignment pin and at least one of the first alignment pin and the second alignment pin;

resecting a second portion of the bone with the wire saw while simultaneously guiding the wire saw with the third alignment pin and at least one of the first alignment pin and the second alignment pin; and

removing the resected second portion of the bone.

Claim 43. (new) The method of claim 37, further comprising:

making the first incision with a length of less than about two centimeters; and

making the second incision with a length of less than about two centimeters.

Claim 44. (new) The method of claim 37, further comprising:

making the first incision with a length of less than about one centimeter; and

making the second incision with a length of less than about one centimeter.